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# West Oxfordshire Combined Districts and Banbury Rural District

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## ANNUAL REPORT for the year 1941

*By*

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*Medical Officer of Health*





# ANNUAL REPORT FOR THE YEAR 1941

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## WEST OXFORDSHIRE COMBINED DISTRICTS.

2 CAREY CLOSE,  
FIVE MILE DRIVE,  
OXFORD.

*To the Mayors, Chairmen and Councillors of the Constituent Authorities.*

Gentlemen,

I beg to submit to you my Annual Report for the West Oxfordshire Combined Districts for 1941, which has been compiled in accordance with the requirements of Circular 2314 issued by the Ministry of Health on 26th March, 1941, and Circular 2067 dated 19th July, 1940.

These circulars state that reports are to be confined to essential and urgent matters which have effected public health during the year, especially outbreaks of infectious disease.

The incidence of notifiable diseases during the year—apart from Measles and Whooping Cough—has been low. The number of cases of Cerebro-spinal Fever was lower than in 1940. Two small outbreaks of Diphtheria occurred at Hailey and Shilton due to carriers among evacuees.

Outbreaks of Measles and Whooping Cough occurred during the year ; in the case of Measles there were few cases with complications and only one death ; five deaths from Whooping Cough occurred.

It is satisfactory to note that in two districts the percentage of school children immunised is over 80 per cent while in practically all the others it is over 70 per cent. The position with regard to children under 5 is less satisfactory however.

Both the number of new cases and the number of deaths from Pulmonary Tuberculosis have increased. The number of new cases is the highest for 10 years (since 1932) and the number of deaths was only exceeded in 1933 and 1936.

### TUBERCULOSIS.

	New Cases		Deaths	
	Pulmonary	Non-Pulmonary	Pulmonary	Non-Pulmonary
1932	50	29	19	2
1933	32	13	23	7
1934	32	18	19	7
1935	44	12	20	5
1936	25	12	30	7
1937	28	10	14	2
1938	27	18	13	1
1939	25	14	19	1
1940	37	19	12	5
1941	47	22	21	4

There has been little increase in the Infant Mortality although there were outbreaks of both Measles and Whooping Cough during the year.

#### INFANT MORTALITY.

	Ch. Norton M.B.	Woodstock M.B.	Witney U.D.	Ch. Norton R.D.	Witney R.D.	Banbury R.D.
1932	64	37	17	44.8	27.5	35.5
1933	54.5	33.3	39.5	42.3	61.4	56.5
1934	28.6	60.6	48.4	67	43	43
1935	Nil	Nil	20.4	50.5	57	47
1936	64	3.8	12.9	55.5	84	11.9
1937	35	Nil	63.3	20.4	43	53.5
1938	Nil	47	37	30.3	29	55
1939	53	55	14	38	35	42
1940	100	45	37.5	54	85.8	42
1941	Nil	30.2	62	58.3	37	57

In January 1941 Mr. A. J. Basford, Sanitary Inspector for Witney Rural District, passed away. By his death at the age of 61, the Witney Rural District Council has lost the services of a valuable officer. Mr. Basford had been Sanitary Inspector for over 30 years, and during his period of office had been responsible for many improvements in the area particularly with regard to rural housing in which he was specially interested.

I am,

Your obedient servant,

A. J. CAMPBELL,

*Medical Officer of Health.*

## CHIPPING NORTON MUNICIPAL BOROUGH.

## SECTION A.

## STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

## EXTRACTS FROM THE VITAL STATISTICS OF THE YEAR.

BIRTH RATE.				Birth Rate per 1000
	Total	Male	Female	
Legitimate ...	60	30	30	14.1
Illegitimate ...	—	—	—	
England and Wales				14.2

Still Births—Rate per 1000 Total Births—3.3

DEATH RATE.				Death Rate per 1000
	Total	Male	Female	
Deaths ...	52	21	31	12.2
England and Wales				12.9

The chief causes of death during the year were:—Heart Disease (12), Intracranial vascular lesions (8), Bronchitis (4), Tuberculosis (2), Cancer (10).

## MATERNAL DEATHS.

There were no deaths from puerperal causes.

## INFANT MORTALITY.

Deaths of Infants under 1 year of age per 1000 births:—

Legitimate	Illegitimate	Total I.F.M.
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England and Wales	...	...	...	...	...	59
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It should be noted that there were no deaths of infants under the age of one year in 1941, although in 1940 there were 5 deaths giving an Infant Mortality Rate of 100 per 1000. It is difficult therefore to draw any definite conclusions from these figures as they are based on the statistics for a relatively small population.

Deaths from Cancer (all ages)	...	...	...	10
„ „ Measles (all ages)	...	...	...	0
„ „ Whooping Cough (all ages)	...	...	...	0
„ „ Diarrhoea (under 2 years of age)	...	...	...	0

## SECTION B.

GENERAL PROVISION OF HEALTH SERVICES  
FOR THE AREA.

As reported in the Annual Report for 1938, except:

*Laboratory Work.* This is now carried out by Emergency Public Health Laboratory, School of Pathology, South Parks Road, Oxford, under the direction of Professor G. S. Wilson.



Number of Swabs examined during 1941—10.

Positive for Haemolytic Streptococci—3.

Positive for Vincent's Angina—2.

Other examinations—4.

### SECTION C.

#### SANITARY CIRCUMSTANCES OF THE AREA.

As reported in the Annual Report for 1938, except :

*Water Supply.* During 1940 it was found that the public water supply was polluted and steps were at once taken to install a chlorinating plant.

A new scheme to remedy the pollution and increase the supply which is inadequate for the present population, has been proposed and a Ministry of Health Inquiry was held during the year.

*Water Analysis.* Specimens were examined by the Emergency Public Health Laboratory in December 1941.

The water from the Glyme Well was Class III of the Ministry of Health classification, but after chlorination was Class I—i.e. highly satisfactory.

### SECTION D.

#### HOUSING.

As reported in the Annual Report for 1938.

A number of the unfit houses in the town which have not been demolished have become temporarily occupied by evacuees.

### SECTION E.

#### PREVALENCE OF, AND CONTROL OVER, INFECTIOUS DISEASES.

##### NOTIFIABLE DISEASES DURING THE YEAR 1941.

Diseases.	No. of Cases Notified	Admitted to Hospital	Total Deaths
Scarlet Fever ... ..	1	1	0
Pneumonia ... ..	5	0	0
Whooping Congh ... ..	33	0	0
Measles ... ..	125	0	0
Cerebro-spinal Fever ...	2	2	0

*Scarlet Fever.* Only one case occurred—in a school child, who was removed to Abingdon Isolation Hospital.

*Measles.* 125 cases occurred. The disease was general throughout the country during the early part of the year.

*Whooping Cough.* 33 cases occurred. 5 of these were notified from the National Children's Home.

*Cerebro-spinal Fever.* Two cases occurred, one in an elderly woman and one in a girl of school age. One was treated at the Radcliffe Infirmary and one at Abingdon Isolation Hospital. Both cases were associated with over-crowding—one occurred in an unfit house in a clearance area which had become occupied by evacuees.

*Diphtheria.* No cases occurred.

Diphtheria Immunisation was carried out in all the schools in the Borough by Dr. A. Q. Wells of the Emergency Public Health Laboratory. The following are the numbers immunised.

Estimated School Population	...	...	920
No. immunised	...	...	729
Percentage	...	...	79.2
Estimated Population under 5	...	...	250
No. immunised	...	...	125
Percentage	...	...	50

*(Non-Notifiable Diseases.* A large number of cases of Mumps were reported from all the schools in the Borough during the year.

Two cases of Scabies were reported, both were evacuees who were removed to Wroxton House for treatment.

*School Closures.* Nil.

TUBERCULOSIS.

Age Periods	New Cases				Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	Male	Female	Male	Female	Male	Female	Male	Female
0— 1	0	0	0	0	0	0	0	0
1— 5	0	0	0	0	0	0	0	0
5—15	0	0	1	0	0	0	0	0
15—25	2	0	1	0	0	0	0	0
25—35	0	0	1	0	1	0	0	0
35—45	1	1	0	1	0	0	0	0
45—55	0	0	0	0	0	0	0	0
45—55	0	0	0	0	0	0	0	0
55—65	1	0	0	0	1	0	0	0
65—	0	0	0	0	0	0	0	0
Totals	4	1	3	1	2	0	0	0

## WITNEY URBAN DISTRICT.

### SECTION A.

#### STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

##### EXTRACTS FROM THE VITAL STATISTICS OF THE YEAR.

BIRTH RATE.					Birth Rate
		Total	Male	Female	Per 1000
Legitimate	... ..	104	59	47	15.2
Illegitimate	... ..	3	2	1	
England and Wales					14.2
Stillbirths.	Rate per 1000 births			... ..	28

DEATH RATE.					Death Rate
		Total	Male	Female	per 1000
Deaths	... ..	86	43	43	12.2
England and Wales					12.9

The chief causes of death were :—Heart Disease (23), Cancer (10), Nephritis (2), Bronchitis (5), Intracranial vascular lesions (10).

#### MATERNAL DEATH RATE.

There were no deaths from puerperal causes.

#### INFANT MORTALITY.

Deaths of Infants under 1 year of age per 1000 births :—

	Legitimate	Illegitimate	Total I.M.F.
	51.5	333	61.9
England and Wales	... ..	... ..	... .. 59

The causes of death in the case of the six deaths under the age of one year were : Marasmus, Prematurity, Congenital Heart Disease, Broncho-pneumonia, Asphyxia and Bronchitis.

Deaths from Cancer (all ages)	... ..	10
Deaths from Measles (all ages)	... ..	Nil
Deaths from Whooping Cough (all ages)	... ..	Nil
Deaths from Diarrhoea (under 2 years of age)	... ..	Nil

### SECTION B.

#### GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

As reported in the Annual Report for 1938, except :

*Laboratory Examinations.* These are now carried out by the Emergency Public Health Laboratory, South Parks Road, Oxford, under the direction of Professor G. S. Wilson.



No. of Swabs examined	...	...	...	...	14
Positive for Haemolytic Streptococci	...	...	...	...	4
Positive for Diphtheria	...	...	...	...	2
Other specimens	...	...	...	...	9

## SECTION C.

## SANITARY CIRCUMSTANCES OF THE AREA.

As reported in the Annual Report for 1938.

*Water Examination.* Bacteriological examinations of the public supply were carried out during the year with results as follows :—

	River Water	Settled Water	Filtered Water	Chlorinated Water
18.3.41	Class 4	Class 4	Class 4	Class 1
1.8.41	Class 4	Class 4	Class 4	Class 1

## SECTION D.

## HOUSING.

As reported in the Annual Report for 1938.

## SECTION E.

## INSPECTION OF FOOD.

Inspection of meat in the Urban District is carried out by Mr. W. Martin, M.R.C.V.S., at the central slaughter house, established by the Ministry of Food.

## SECTION F.

## PREVALENCE OF, AND CONTROL OVER, INFECTIOUS DISEASES.

## NOTIFIABLE DISEASES DURING THE YEAR.

Diseases	Total No. of cases notified	No. admitted to Hospital	Total Deaths
Typhoid	1	1	0
Scarlet Fever	15	13	0
Diphtheria	2	2	1
Erysipelas	1	0	0
Measles	24	0	0
Whooping Cough	10	0	0
Pneumonia	7	0	3
Cerebro-spinal Fever	1	1	1

*Scarlet Fever.* 15 cases occurred, of which 13 were removed to hospital and two isolated at home. 8 occurred in school children, the remainder being in young adults : none occurred in children under school age.

*Typhoid.* One case occurred, a child of 7 years of age—diagnosed after admission to the Radcliffe Infirmary: isolation and treatment were carried out there. The fæces of all the home contacts were examined with negative results.

*Diphtheria.* Two cases occurred—one a boy aged 8—an evacuee who died after admission to hospital (not immunised). A young woman in the same house was notified as a carrier.

*Cerebro-spinal Fever.* One case occurred; the patient, a man, aged 66, died in the Radcliffe Infirmary.

*Diphtheria Immunisation.* Diphtheria Immunisation was carried out by Dr. A. Q. Wells of the Emergency Public Health Laboratory, Oxford.

Estimated School Population	...	...	...	1347
No. immunised	...	...	...	948
Percentage	...	...	...	70.4
Estimated Population under 5	...	...	...	410
No. immunised	...	...	...	263
Percentage	...	...	...	64.1

*Non-Notifiable Diseases.* The following non-notifiable diseases were reported from the schools during the year :—Mumps and Chickenpox.

*School Closures.* Nil.

#### TUBERCULOSIS.

Age Periods	New Cases				Deaths			
	Pulmonary Male	Pulmonary Female	Non-Pulmonary Male	Non-Pulmonary Female	Pulmonary Male	Pulmonary Female	Non-Pulmonary Male	Non-Pulmonary Female
0— 1	0	0	0	0	0	0	0	0
1— 5	0	0	0	0	0	0	0	0
5—15	0	1	0	1	0	0	1	0
15—25	4	0	0	0	1	0	0	0
25—35	0	0	0	0	0	0	0	0
35—45	0	0	0	0	0	0	0	0
45—55	0	0	0	0	1	0	0	0
55—65	0	0	0	0	0	0	0	0
65—	0	0	0	0	0	0	0	0
Total	4	1	0	1	2	0	1	0

## WOODSTOCK MUNICIPAL BOROUGH.

## SECTION A.

## STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

## EXTRACTS FROM THE VITAL STATISTICS OF THE YEAR.

	BIRTH RATE.			Birth Rate Per 1000
	Total	Male	Female	
Legitimate	32	17	15	15.7
Illegitimate	2	0	2	
England and Wales				14.2
Still Births. Rate per 1000 births				Nil

DEATH RATE.			
Deaths	24	14	10
Death Rate per 1000			11.7
England and Wales			12.9

The chief causes of death were :—Heart Disease (9), Intracranial vascular lesions (3), Cancer (3).

## MATERNAL DEATH RATE.

There were no deaths from puerperal causes.

## INFANTILE MORTALITY.

Deaths of Infants under 1 year of age per 1000 births :—

	Legitimate	Illegitimate	Total I.M.F.	
	31.2	Nil	30.2	
England and Wales	...	...	...	59
Deaths from Cancer (all ages)			...	3
„ „ Measles (all ages)			...	0
„ „ Whooping Cough (all ages)			...	1
„ „ Diarrhoea (under 2 years of age)			...	0

## SECTION B.

As reported in the Annual Report for 1938, except :

*Laboratory Work.* This is carried out by the Emergency Public Health Laboratory, South Parks Road, Oxford, under the direction of Professor G. S. Wilson.

No. of swabs examined	...	...	...	49
Positive for Diphtheria	...	...	...	4
Positive for Haemolytic Streptococci	...	...	...	10

## SECTION C.

As reported in the Annual Report for 1938.



## SECTION D.

As reported in the Annual Report for 1938.

## SECTION E.

As reported in the Annual Report for 1938.

## SECTION F.

## PREVALENCE OF, AND CONTROL OVER, INFECTIOUS DISEASES, ETC.

### NOTIFIABLE DISEASES DURING THE YEAR.

Diseases				Total No. of Cases Notified	Admitted to Hospital	Deaths
Scarlet Fever	...	...	...	1	1	0
Diphtheria	...	...	...	1	1	0
Measles	...	...	...	5	0	0
Whooping Cough	...	...	...	1	1	1
Pneumonia	...	...	...	1	0	0

*Scarlet Fever.* 1 case occurred, a child who was a patient at the Public Assistance Institution; she was admitted to Abingdon Isolation Hospital.

*Diphtheria.* 1 case occurred—a child at the Roman Catholic School (not immunised). The school children were swabbed and two carriers were found: one was in the same family as the patient, the other lived outside the district.

*Diphtheria Immunisation.* School children and children under 5 were immunised at Marlborough Central School by Dr. A. Q. Wells of the Emergency Public Health Laboratory.

Estimated School Population	...	...	...	240
No. immunised	...	...	...	160
Percentage	...	...	...	66%
Estimated population under 5	...	...	...	150
No. immunised	...	...	...	110
Percentage	...	...	...	73%

*Whooping Cough.* One case occurred, a child aged one year, an evacuee, who came from an over-crowded house; the child was admitted to Oxford City Isolation Hospital and died of Broncho-pneumonia shortly after admission.

### TUBERCULOSIS.

4 cases were notified—all pulmonary, two males ages 56 and 18, and two females ages 17 and 20. There were no deaths.

CHIPPING NORTON RURAL DISTRICT.

SECTION A.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

		BIRTH RATE.			Birth Rate Per 1000
		Total	Male	Female	
Live Births 253	Legitimate	243	136	107	14.6
	Illegitimate	10	6	4	
England and Wales					14.2
Still Births—Rate per 1000					20

		DEATH RATE.					
		Total	Male	Female			
Deaths	... ..	212	89	122			
Death Rate per 1000	...	...	...	...	...	...	12.2
England and Wales	...	...	...	...	...	...	12.9

The chief causes of death were :—Heart Disease (55), Cancer (26), Intracranial vascular lesions (26), Bronchitis (12), Diabetes (2), Pneumonia (9), Nephritis (5), Influenza (6), Pulmonary Tuberculosis (9), Road Traffic Accidents (4).

MATERNAL DEATH RATE.

There were no deaths from puerperal causes.

INFANTILE MORTALITY.

Deaths of infants under one year of age per 1000 births :—

Legitimate	Illegitimate	Total I.F.M.
52	100	58.3
England and Wales		59

*Causes of Infant Mortality.* There were 13 deaths from the following causes :—Broncho-Pneumonia (4). Congenital Heart Disease (1). Prematurity (2). Whooping Cough (1). Asphyxia (2). Spina Bifida (1). Gastro-enteritis (1). Bronchitis (1).

No. of deaths from Cancer (all ages)	...	...	26
No. of deaths from Measles (all ages)	...	...	1
No. of deaths from Whooping Cough (all ages)	...		3
No. of deaths from Diarrhoea (under 2 years of age)			1

SECTION B.

*Laboratory Work.* This is carried out by the Emergency Public Health Laboratory, School of Pathology, South Parks Road, Oxford, under the direction of Professor G. S. Wilson.

No. of swabs examined	...	...	...	...	65
Negative	...	...	...	...	38
Positive for Streptococci	...	...	...	...	14
Positive for Diphtheria	...	...	...	...	8
Positive for Vincent's Angina	...	...	...	...	5
Urine examinations	...	...	...	...	4
Other examinations	...	...	...	...	2

## SECTION C.

## SANITARY CIRCUMSTANCES OF THE AREA.

*Water Supply.* No complaints of shortage of water were received during the year.

The Council sanctioned the extension of the main at Shipton-under-Wychwood but owing to labour difficulties this could not be carried out during the year.

A total of 108 samples of water were taken for bacteriological examination.

The following were reported as being in Class 1:—Chadlington, Chilson, Ascott-under-Wychwood, Leafield, Lyneham, Fifield, Steeple Barton, Over Norton, Finstock (which also supplies Fawler, Stonesfield and Coombe).

Milton-under-Wychwood was Class 2.

Two samples from Idbury were in Class 4 but later samples improved to Class 3.

Five samples were taken from Charlbury. One was in Class 4, but after certain protective work was done at the springs, the water went to Class 1.

Four were taken from Salford of which three were in Class 3 and one in Class 2.

13 samples were taken from Churchill during the year. Two were in Class 1, one each in Classes 2 and 3 and the other 9 in Class 4. Protective works have been undertaken at the springs from time to time but owing to the position of the main spring, it is very difficult to stop contamination.

The Upper Shipton supply has again been troublesome. Of 16 samples taken, 8 were in Class 4, 4 in Class 3, 3 in Class 2, and one in Class 1. It was difficult to trace the cause of contamination, but improved reports towards the end of the year indicate that some progress has been made.

The village well at Fosote was found to be heavily contaminated, but certain protective work was done and an improvement resulted.



One sample from the supply at Sarsden was found to be in Class 4, but two others were in Class 3.

The water from a private deep well recently sunk at Wootton was found to be in Class 1. It is hoped that when things are more normal, negotiations with the owners may enable this well to be developed and possibly supply the village.

15 samples were taken from certain premises at the request of the Medical Officers of the Ministry of Health. Of these two were in Class 1, 4 in Class 2, 5 in Class 3 and 4 in Class 4.

One large house in the parish of Wootton had considerable trouble with its water supply and in all 12 samples were taken during the year. A new bore was sunk and the drainage system remodelled, and the supply is now in Class 1.

21 samples were taken from disused public wells and private wells which were thought to be possible sources of emergency supplies. Examination proved that 16 of them were in Class 4, 3 in Class 3, one in Class 2 and one in Class 1. It is interesting that most of these wells were in parishes where the public piped supply has only been available during recent years.

A Class 1 sample came from a swimming pool attached to a Cafe in the parish of Enstone.

#### SECTION D.

#### HOUSING.

Only one house was represented as unfit for habitation under Section 154 (2) of the Housing Act 1936 during the year—a cottage at Salford which had been partially destroyed by fire.

#### SECTION E.

#### INSPECTION AND SUPERVISION OF FOOD.

Meat Inspection for the Rural District is carried out at the central slaughter house in Chipping Norton established by the Ministry of Food, by Mr. F. W. Harper, Additional Sanitary Inspector, who holds the Meat Inspection Certificate of the Royal Sanitary Institute.

#### SECTION F.

#### PREVALENCE OF, AND CONTROL OVER, INFECTIOUS DISEASES, ETC.

##### NOTIFIABLE DISEASE DURING THE YEAR 1941.

Diseases	No. of Cases Notified	Admitted to Hospital	Total Deaths
Scarlet Fever ... ..	15	10	0
Diphtheria ... ..	4	4	0
Puerperal Pyrexia ... ..	1	0	0
Pneumonia ... ..	15	0	9

Erysipelas	...	...	...	4	0	0
Measles	...	...	...	336	0	1
Whooping Cough	...	...	...	152	0	3
Cerebro-spinal Fever	...	...	...	1	1	1
Ophthalmia Neonatorum	...	...	...	2	0	0

*Scarlet Fever.* 15 cases occurred. 10 were removed to hospital. 5 were isolated at home. These were distributed in parishes as follows :—

2 cases occurred in each of the following parishes :—Wootton, Over Norton, Cornwell, Milton-under-Wychwood.

1 case occurred in each of the following parishes :—Finstock, Wychwood, Nether Worton, Coombe, Chadlington, Spelsbury and Enstone.

10 cases occurred in school children and 5 in adults.

2 cases occurred in evacuees.

*Diphtheria.* 4 cases occurred—2 at Spelsbury, one at Hensington Without and one at Wychwood. Two were in school children, one a child under school age (an evacuee) and one in a young adult. All were removed to hospital : there were no deaths.

*Spelsbury.* 2 cases occurred—one in a young adult, and one in an evacuee child. The contacts in each household were swabbed with negative results.

*Hensington Without.* 1 case occurred—in a school child attending Marlborough Senior School. The school and home contacts were swabbed with negative results. The school contacts were immunised by Dr. A. Q. Wells.

*Wychwood.* One case occurred in a child attending Leafield School. The school contacts were swabbed and one carrier was found. Immunisation was offered to the non-immunised children in the school.

No case of Diphtheria occurred in an immunised child.

*Diphtheria Immunisation.* Diphtheria Immunisation was carried out in the schools in the Rural District by a temporary Assistant Medical Officer appointed by the County Council for this purpose.

Estimated No. of School children	...	...	...	...	2100
No. immunised	...	...	...	...	1700
Percentage	...	...	...	...	80.9
Estimated No. of children under 5	...	...	...	...	1000
No. immunised	...	...	...	...	500
Percentage	...	...	...	...	50

*Cerebro-spinal Fever.* 2 cases occurred, one in a school child at Milton-under-Wychwood and one in a child under school age at Charlbury. One was admitted to the Radcliffe Infirmary, Oxford, the other to Abingdon Isolation Hospital.

One death occurred in a non-notified case.

*Measles.* 336 cases occurred, with one death.

There were few complicated cases reported.

*Whooping Cough.* 152 cases occurred with 3 deaths.

29 of these cases occurred at an evacuated residential day nursery at Sandford St. Martin.

*Non-notifiable Diseases.* The following non-notifiable diseases were reported from the schools :—

*Mumps.* Kiddington, Charlbury, Kingham, Salford, Shipton-under-Wychwood, Chadlington.

*Chickenpox.* Middle Barton.

*Impetigo.* Charlbury, Shipton-under-Wychwood.

*School Closures.* Sandford St. Martin for Measles ; Chilson for Tonsillitis.

#### TUBERCULOSIS.

Age Periods	New Cases				Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	Male	Female	Male	Female	Male	Female	Male	Female
0— 1	0	0	0	0	0	0	0	0
1— 5	0	0	0	1	0	0	0	0
5—15	0	0	2	2	0	0	0	0
15—25	1	3	0	1	1	1	0	0
25—35	1	1	1	1	0	0	0	0
35—45	1	0	0	0	2	1	0	0
45—55	0	1	0	0	0	2	0	0
55—65	1	0	0	0	2	0	0	0
65—	1	0	0	0	0	0	0	0
Total	5	5	3	5	5	4	0	0



WITNEY RURAL DISTRICT.

SECTION A

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

EXTRACTS FROM THE VITAL STATISTICS OF THE YEAR.

BIRTH RATE.

		Total	Male	Female	Per 1000	
Live Births (321)	Legitimate	306	163	143	Birth Rate ...	15.5
	Illegitimate	15	6	9		
England and Wales		...	...	...	...	14.2
Still Births. Rate per 1000 Births			...	...	...	34

DEATH RATE.

		Total	Male	Female		
Deaths	...	237	123	114		
Death Rate per 1000		...	...	...	...	11.5
England and Wales		...	...	...	...	14.3

The chief causes of death were :—Heart Disease (51), Cancer (41), Intracranial vascular lesions (24), Pneumonia (13), Bronchitis (18), Road Deaths (4), Tuberculosis (7).

INFANTILE MORTALITY.

Deaths of infants under one year of age per 1000 births :—

Legitimate	Illegitimate	Total I.F.M.
30.6	133	37
England and Wales		59

*Causes of Death under 1 year.*

Pneumonia (5), Asphyxia—accidental (2), Prematurity (1), Atelectasis (1), Inanition (1), Marasmus (1).

No. of deaths from Cancer (all ages)	...	...	41
No. of deaths from Measles (all ages)	...	...	0
No. of deaths from Whooping Cough (all ages)	...	...	1
No. of deaths from Diarrhoea (under 2 years of age)	...	...	0

SECTION B.

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

As reported in the Annual Report for 1938, except :

*Laboratory Work.* This is carried out by the Emergency Public Health Laboratory, South Parks Road, Oxford, under the direction of Professor G. S. Wilson.

Number of Swabs examined	...	...	96
Positive for Diphtheria	...	...	10
Positive for Haemolytic Streptococci	...	...	17
Positive for Vincent's Angina	...	...	5
Urine Examinations	...	...	8
Blood Examinations	...	...	3
Cerebro-spinal Fluid	...	...	1

## SECTION C.

*Water Examination.* 11 specimens were submitted for bacteriological examination, mainly from wells, with results as follows :—Class 1, 3. Class 2, 1. Class 3, 1. Class 4, 6.

## SECTIONS D AND E.

As in the Annual Report for 1938.

## SECTION F.

## PREVALENCE OF, AND CONTROL OVER INFECTIOUS DISEASES.

## NOTIFIABLE DISEASES DURING THE YEAR 1941

Diseases	No. of cases Notified	Admitted to Hospital	Total Deaths
Scarlet Fever ... ..	20	17	0
Diphtheria ... ..	10	10	0
Pneumonia ... ..	21	—	13
Puerperal Pyrexia ... ..	2	0	0
Erysipelas ... ..	2	0	0
Measles ... ..	454	—	0
Whooping Cough ... ..	56	—	1
Cerebro-spinal Fever ... ..	7	7	0

*Scarlet Fever.* 20 cases occurred; 17 were removed to Abingdon Isolation Hospital and 3 isolated at home. Cases occurred in the following parishes:—

Hailey 3, Long Handborough 3, Standlake 3, Bampton 3, Brize Norton 2.

One case occurred in each of the following parishes:—

Curbridge, North Leigh, Fulbrook, Ducklington, Stanton Harcourt and Alvescot.

12 cases occurred in school children, 3 in children under school age and 5 in adults.

*Diphtheria.* 10 cases occurred: all were moved to hospital. There were no deaths. 7 occurred in school children and in a child under

school age, and 2 in young adults under 20. Cases were distributed as follows:—Hailey 2, Shilton 2 and one each at Filkins, Black Bourton, Carterton, Swinbrook, Ramsden and Minster Lovell. Of 8 cases which occurred in children, 6 were in evacuees.

*Hailey.* 2 cases occurred, both in evacuee school children, who are members of the same family, but attended different schools in the village. Both schools were swabbed and immunised by the combined active and passive method by Dr. Wells of the Emergency Public Health Laboratory.

Two school children were found to be carriers and removed to Abingdon Isolation Hospital.

*Shilton.* Two cases occurred in school children—one was an evacuee, the other a local child. The school children were swabbed and immunised under the County Council scheme. Two carriers were found among the school children and later a young adult in the same household as one of the carriers was also found to be a carrier. All of these three carriers were removed to the Abingdon Isolation Hospital.

*Minster Lovell.* One case occurred in an evacuee school child; a carrier was found in the same house—also an evacuee child. The school children were swabbed and immunised by Dr. A. Q. Wells.

*Swinbrook.* A case occurred in a young woman. No carriers were found among the contacts. She was a Sunday School teacher and the school in the village was swabbed, with negative results; the school children were immunised by the combined active and passive method by Dr. Joan Taylor of the Emergency Public Health Laboratory, Oxford.

*Ramsden.* A case occurred in an evacuee school child living in an overcrowded house. The contacts were swabbed with negative results. The school children in the village had already been immunised.

*Filkins.* A case occurred in an evacuated residential Day Nursery from Bristol, in a child of three; she was removed to Bristol Isolation Hospital. No carriers were found among the contacts, all of whom had already been immunised.

*Black Bourton.* A case in a school child and another case occurred in a young adult. No carriers were found among the contacts. The school children had already been immunised.

*Diphtheria Immunisation.* School children in the villages of Hailey and Minster Lovell were immunised by Dr. A. Q. Wells and at Swinbrook by Dr. Joan Taylor of the Emergency Public Health Laboratory, Oxford. The remainder of the school children in the district were immunised by a temporary Assistant Medical Officer who was appointed by the County Council to carry out the work.



Estimated No. of School Children	...	...	3000
No. immunised	...	...	2182
Percentage	...	...	72.7
Estimated No. of children under 5	...	...	1350
No. immunised	...	...	634
Percentage	...	...	46.9

*Cerebro-spinal Fever.* 7 cases occurred. There were no deaths.

All were removed to hospital, 5 to Abingdon Isolation Hospital, one to Oxford City Isolation Hospital and one to the Radcliffe Infirmary, Oxford.

There were three adults, three school children and one child age 15 months. 5 of these cases were associated with overcrowding.

*Measles.* 453 cases occurred. There were few complications reported and no deaths.

*Non-notifiable Diseases.* The following non-notifiable diseases have been reported from the schools:—

Scabies: Ducklington and Broadwell.

Chickenpox: Filkins, Eynsham, Stanton Harcourt, Long Handborough, Minster Lovell, Burford.

Impetigo: Burford, Broadwell and Ducklington.

Mumps: Langford, Freeland, Clanfield, Long Handborough, Burford, North Leigh, Bampton, Stanton Harcourt, Minster Lovell, Eynsham.

Conjunctivitis: Alvescote.

Ringworm: Freeland.

*School Closures.* For Measles: Kelmscott, Clanfield, Carterton. For Diphtheria: Shilton.

#### TUBERCULOSIS.

	New Cases				Deaths			
	Pulmonary Male	Pulmonary Female	Non-Pulmonary Male	Non-Pulmonary Female	Pulmonary Male	Pulmonary Female	Non-Pulmonary Male	Non-Pulmonary Female
0— 1	0	0	0	0	0	0	0	0
1— 5	0	0	0	0	0	0	0	2
5—15	1	1	1	3	0	0	0	0
15—25	2	0	2	0	1	0	0	0
25—35	6	0	0	0	1	0	0	0
35—45	1	0	0	0	3	0	0	0
45—55	2	0	0	1	0	0	0	0
55—65	0	0	0	0	0	0	0	0
65—	0	2	0	0	0	0	0	0
Total	12	3	3	4	5	0	0	2

BANBURY RURAL DISTRICT.

SECTION A.

EXTRACTS FROM THE VITAL STATISTICS OF THE YEAR.

BIRTH RATE.

	Total	Male	Female
No. of Births (Legitimate)	216	108	108
No. of Births (Illegitimate)	11	2	9
Total ... ..	227	110	117
Birth Rate per 1,000 ...	14.4		
England and Wales ...	14.2		
Stillbirths per 1000 births	35		

DEATH RATE.

	Total	Male	Female
No. of Deaths ... ..	216	101	115
Death Rate per 1000 ...	14.4		

The chief causes of death were : Heart Disease (48), Intracranial Vascular Lesions (30), Cancer (27), Pneumonia (20), Nephritis (6), Road Traffic Accidents (5).

MATERNAL DEATHS.

There were no deaths from puerperal causes.

INFANT MORTALITY.

Deaths of Infants under one year per 1,000 births:

Legitimate	Illegitimate	Total I.M.F.
58	91	57
England and Wales, 59		

*Causes of Infant Deaths :* Malformation of Oesophagus 1, Cerebral Haemorrhage 1, Broncho pneumonia 3, Prematurity 3, Peritonitis 1, Congenital Heart Disease.

Deaths from Cancer (all ages)	...	...	...	27
„ „ Measles (all ages)	...	...	...	0
„ „ Whooping Cough (all ages)	...	...	...	0
„ „ Diarrhoea (under 2 years of age)	...	...	...	0

SECTION B.

GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

As reported in the Annual Report for 1938, except

*Laboratory Work.* This is carried out by the Emergency Public Health Laboratory, South Parks Road, Oxford, under the supervision of Professor G. S. Wilson.

Number of Swabs examined	...	60
Positive for Haemolytic Streptococci		18
Positive for Vincent's Angina	...	6
Positive for Diphtheria	...	8
Negative	...	34
Widal Tests for Enteric	...	7 (all negative)
Examination of Faeces	...	12 (2 positive)
Urine ...	...	5
Other examinations	...	4

### SECTION C.

As reported in the Annual Report for 1938.

*Water Analysis.* 11 samples were examined.

7 were in Class 1—those from Bloxham, Shennington, Balscote and Sibford Ferris. One from Sibford Ferris—the village supply was Class 3, but a further sample taken later proved to be Class 1.

Class 4 samples were received from Barford and Hanwell—private supplies.

### SECTION D

#### HOUSING.

During the year one house at Bloxham was represented as unfit under the Housing Act 1936 Sec. 154 (2).

### SECTION E.

#### INSPECTION AND SUPERVISION OF FOOD.

*Meat.* Slaughtering for the district is now carried out at a centralized slaughter-house in the Borough of Banbury, where meat inspection is carried out by Mr. F. G. Cobbett, Sanitary Inspector for the Borough of Banbury.

### SECTION F.

#### PREVALENCE OF AND CONTROL OVER INFECTIOUS DISEASES.

##### NOTIFIABLE DISEASES DURING 1941.

Diseases	No. of cases Notified	Admitted to Hospital	No. of Deaths
Paratyphoid ...	1	—	—
Scarlet Fever ...	12	9	—
Diphtheria ...	4	3	—



Cerebro-spinal Fever	...	10	10	4
Measles	...	331	—	—
Whooping Cough	...	89	—	—
Pneumonia	...	13	—	20
Puerperal Pyrexia	...	1	—	—

*Paratyphoid Fever.* One case occurred in a patient who developed the disease whilst at a boarding school outside the district and was sent to her home in the Banbury Rural District as a convalescent case. She continued to be treated at home.

*Scarlet Fever.* 12 cases occurred, 9 of which were removed to Banbury Isolation Hospital and 3 treated at home.

5 were adults, 6 were school children and one a child under school age.

Cases occurred in the following parishes :—

Sibford Ferris 1, Cropredy 4, Hook Norton 2, Adderbury 1, Tadmarton 1, Bloxham 1, Bodicote 3.

*Cerebro-spinal Fever.* 10 cases occurred.

9 cases occurred in adults and one in a school child.

5 were treated at Oxford City Isolation Hospital, 3 at the Horton General Hospital, Banbury, and one at the Radcliffe Infirmary, Oxford. One case died at a mental hospital outside the district.

There were 4 deaths. In one instance two cases occurred in the same household separated by an interval of three months. There was no evidence of overcrowding in any of the cases.

*Diphtheria.* 4 cases occurred—3 were removed to hospital.

One case occurred in an elderly woman who had relatively little clinical evidence of the disease.

One case in a school child occurred at Sibford Ferris. Two young adult males were afterwards found to be carriers and removed to hospital.

#### *Diphtheria Immunisation :*

Diphtheria Immunisation was carried out in all the schools in the area by a temporary Assistant Medical Officer appointed by the County Council.

Estimated No. of School Children	...	...	2400
No. Immunised	...	...	1963
Percentage	...	...	81.7
Estimated No. of Children under 5	...	...	950
No. Immunised	...	...	461
Percentage	...	...	49.4

*Measles.* 331 cases occurred. There were few complications reported, and no deaths.

*Whooping Cough.* 89 cases occurred: there were no deaths.

#### NON-NOTIFIABLE DISEASES.

The following non-notifiable diseases were reported from the schools :

Chickenpox: Duns Tew, Adderbury, Wardington.

Influenza: Duns Tew.

Impetigo: Duns Tew.

Conjunctivitis: Swalcliffe.

Ringworm: Duns Tew, Hook Norton.

Mumps: Hook Norton.

Of 32 cases of non-notifiable diseases reported from the schools it is interesting to note that 13 came from the village of Duns Tew and 19 from the rest of the district.

*School Closures.* The following schools were closed during the year

Wiggington—Measles.

Shenington—Measles.

North Aston—Tonsillitis.

Hanwell—Tonsillitis.

#### TUBERCULOSIS.

	New cases				Deaths			
	Pulmonary Male	Pulmonary Female	Non-Pulmonary Male	Non-Pulmonary Female	Pulmonary Male	Pulmonary Female	Non-Pulmonary Male	Non-Pulmonary Female
0—1	0	0	0	0	0	0	0	0
1—5	0	0	0	0	0	0	0	0
5—15	0	1	0	1	0	0	1	0
15—25	1	1	0	1	0	0	0	0
25—35	3	1	0	0	1	0	0	0
35—45	2	1	0	0	1	1	0	0
45—55	0	0	0	0	0	0	0	0
55—65	0	0	0	0	0	0	0	0
65—	0	0	0	0	0	0	0	0
Totals	6	4	0	2	2	1	1	0

TABLE I.

CAUSES OF DEATH DURING THE YEAR.

		Chipping Norton Borough M. F.	Witney Urban M. F.	Woodstock Borough M. F.	Chipping Norton Rural M. F.	Witney Rural M. F.	Banbury Rural M. F.
1.	Typhoid and paratyphoid fevers	...	...	...	...	...	...
2.	Cerebro-spinal fever	...	...	...	...	...	...
3.	Scarlet Fever	...	...	...	...	...	...
4.	Whooping Cough	...	...	...	...	...	...
5.	Diphtheria	...	...	...	...	...	...
6.	Tuberculosis of respiratory system	...	...	...	...	...	...
7.	Other tuberculous diseases	...	...	...	...	...	...
8.	Syphilis	...	...	...	...	...	...
9.	Influenza	...	...	...	...	...	...
10.	Measles	...	...	...	...	...	...
11.	Poliomyelitis	...	...	...	...	...	...
12.	Acute Infective Encephalitis	...	...	...	...	...	...
13.	Cancer of Mouth and Oesophagus (M), Uterus (F)	...	...	...	...	...	...
14.	Cancer of Stomach or Duodenum	...	...	...	...	...	...
15.	Cancer of Breast	...	...	...	...	...	...
16.	Cancer—Other sites	...	...	...	...	...	...



17.	Diabetes ...	...	...	...	1	—	—	—	1	1	—	1	1	1	1
18.	Intracranial vascular lesions	...	...	...	3	7	2	1	12	14	10	14	9	21	
19.	Heart Disease	...	...	...	10	13	6	5	21	34	29	22	26	22	
20.	Other circulatory diseases	...	...	...	2	1	—	—	1	5	3	1	3	1	
21.	Bronchitis	...	...	...	2	3	1	1	3	9	6	12	4	5	
22.	Pneumonia (all forms)	...	...	...	1	2	—	—	4	5	12	1	8	12	
23.	Other respiratory diseases	...	...	...	3	—	1	—	1	—	3	2	—	1	
24.	Ulcer of Stomach or Duodenum	...	...	...	1	—	—	—	1	—	1	1	4	1	
25.	Diarrhoea, etc. (under 2 years)	...	...	...	—	—	—	—	1	—	—	—	—	—	
26.	Appendicitis	...	...	...	—	—	—	—	—	—	—	—	1	1	
27.	Other digestive diseases	...	...	...	—	2	—	—	—	3	1	3	4	2	
28.	Nephritis	...	...	...	2	—	—	—	3	2	4	1	5	1	
29.	Puerperal & post abortive sepsis	...	...	...	—	—	—	—	—	—	—	—	—	—	
30.	Other maternal causes	...	...	...	—	—	—	—	—	—	—	—	—	—	
31.	Premature birth	...	...	...	—	1	—	—	3	—	—	1	—	2	
32.	Congenital Malformations, Birth Injuries and Infant Diseases	...	...	...	2	—	—	1	1	2	4	—	2	4	
33.	Suicide	...	...	...	—	—	—	—	1	1	1	—	—	1	
34.	Road Traffic Accidents	...	...	...	—	1	—	—	2	2	3	1	5	—	
35.	Other violent causes	...	...	...	1	1	—	—	1	1	5	2	2	3	
36.	All other causes	...	...	...	3	3	2	2	13	15	16	21	9	15	
TOTAL															
					21	31	43	43	14	10	89	122	123	114	101 115







